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OM protein - protein search, using sw model

Run on: January 27, 2006, 14:41:39 ; Search time 22.3651 Seconds
(without alignments)
1403.470 Million cell updates/sec

Title: US-09-868-123-4

Perfect score: 2104

Sequence: 1 MAFVCLAIQCLYFLLSTTF.....LLRRKPNTPKMPFPCDT 380

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 572060 seqs, 82675679 residues

Total number of hits satisfying chosen parameters: 572060

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%
Listing first 45 summaries

Database :

Issued Patents AA:*
1: /cgn2_6/prodata/1/iaa/5 COMB.pep:*
2: /cgn2_6/prodata/1/iaa/6 COMB.pep:*
3: /cgn2_6/prodata/1/iaa/H COMB.pep:*
4: /cgn2_6/prodata/1/iaa/PCTUS COMB.pep:*
5: /cgn2_6/prodata/1/iaa/RB COMB.pep:*
6: /cgn2_6/prodata/1/iaa/backfills.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	2104	100.0	380	1	US-08-609-572-4 Sequence 4, Appl1
2	2104	100.0	380	2	US-08-841-751-4 Sequence 4, Appl1
3	2104	100.0	380	2	US-08-846-340-4 Sequence 4, Appl1
4	2104	100.0	380	2	US-08-846-344-4 Sequence 4, Appl1
5	2104	100.0	380	2	US-09-301-808-4 Sequence 4, Appl1
6	1764	83.8	317	2	US-09-825-561A-84 Sequence 84, Appl1
7	1503	71.4	386	2	US-09-828-995B-61 Sequence 61, Appl1
8	1452.5	69.0	365	2	US-09-828-995B-66 Sequence 66, Appl1
9	1392.5	66.2	318	2	US-09-828-995B-72 Sequence 72, Appl1
10	1392.5	66.2	351	2	US-09-828-995B-81 Sequence 81, Appl1
11	1392.5	66.2	561	2	US-09-828-995B-78 Sequence 78, Appl1
12	1392.5	66.2	565	2	US-09-828-995B-75 Sequence 75, Appl1
13	1392.5	66.2	383	1	US-08-609-572-2 Sequence 2, Appl1
14	1194.5	56.8	383	1	US-08-841-751-2 Sequence 2, Appl1
15	1194.5	56.8	383	2	US-08-846-340-2 Sequence 2, Appl1
16	1194.5	56.8	383	2	US-08-846-344-2 Sequence 2, Appl1
17	1194.5	56.8	333	2	US-09-301-808-2 Sequence 2, Appl1
18	1194.5	56.8	333	2	US-09-301-808-2 Sequence 2, Appl1
19	955	45.4	220	2	US-09-949-016-7266 Sequence 7266, Ap
20	935.5	44.5	255	2	US-09-828-995B-58 Sequence 58, Appl1
21	626.5	29.8	145	2	US-09-828-995B-55 Sequence 55, Appl1
22	311.5	14.8	420	1	US-07-757-390-13 Sequence 13, Appl1
23	311.5	14.8	420	1	US-08-442-282-13 Sequence 13, Appl1
24	311.5	14.8	420	1	US-08-442-281-13 Sequence 13, Appl1
25	310.5	14.8	420	1	US-08-939-727-13 Sequence 13, Appl1
26	310.5	14.8	396	1	US-07-757-390-14 Sequence 14, Appl1
27	310.5	14.8	396	1	US-08-442-282-14 Sequence 14, Appl1

28	310.5	14.8	396	1	US-08-442-281-14 Sequence 14, Appl1
29	310.5	14.8	396	1	US-08-939-727-14 Sequence 14, Appl1
30	310.5	14.8	420	2	US-09-866-319A-24 Sequence 24, Appl1
31	310.5	14.8	420	2	US-09-949-016-5958 Sequence 5958, Ap
32	310.5	14.8	427	2	US-09-949-016-8614 Sequence 8614, Ap
33	310.5	14.8	427	2	US-09-949-016-8614 Sequence 8620, Ap
34	302.5	14.4	405	2	US-09-828-995B-50 Sequence 50, Appl1
35	298	14.2	424	2	US-09-688-266D-2 Sequence 2, Appl1
36	295.5	14.0	427	2	US-08-969-125-9 Sequence 9, Appl1
37	295.5	14.0	427	2	US-09-545-002-9 Sequence 9, Appl1
38	295.5	14.0	427	2	US-09-949-016-6094 Sequence 6094, Ap
39	294.5	14.0	426	2	US-09-688-266D-4 Sequence 4, Appl1
40	293	13.9	313	2	US-08-836-561-106 Sequence 106, App
41	293	13.9	313	2	US-09-434-122-106 Sequence 2, Appl1
42	292	13.9	335	1	US-07-947-130-2 Sequence 2, Appl1
43	292	13.9	335	1	US-08-421-822-2 Sequence 2, Appl1
44	292	13.9	335	1	US-08-421-822-2 Sequence 2, Appl1
45	285	13.5	793	2	US-09-313-942-32 Sequence 32, Appl1

ALIGNMENTS

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RESULT 1
US-08-609-572-4
; Sequence 4, Application US/08609572
; Patent No. 5710023
; GENERAL INFORMATION:
; APPLICANT: Collins, Mary
; APPLICANT: Donaldson, Debra
; APPLICANT: Filz, Lori
; APPLICANT: Neben, Tamlyn
; APPLICANT: Whiteers, Matthew
; APPLICANT: Wood, Clive
; TITLE OF INVENTION: CYTOKINE RECEPTOR CHAIN
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Genetics Institute, Inc.
; STREET: 87 Cambridgepark Drive
; CITY: Cambridge
; STATE: MA
; COUNTRY: USA
; ZIP: 02140
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/609,572
; FILING DATE:
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Brown, Scott A.
; REGISTRATION NUMBER: 32,724
; REFERENCE/DOCKET NUMBER: GI5268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 498-8224
; TELEFAX: (617) 876-5851
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 380 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-609-572-4
Query Match 100.0%; Score 2104; DB 1; Length 380;
Best Local Similarity 100.0%; Pred. No. 1.5e-207;
Matches 380; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAFVCLAIQCLYFLLSTTFRCCTSSDTEIKVNPQDFEIVDPGYLYLQWPPSLSD 60
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Db      1  MAFVCLAGCLYTLISTTGGCTSSDTEIKNPPQDFEIVDPGLYLYQMGPPLSLD 60
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Db      61  HFKECTVEYELKYNIGSETWKTIIITKXLYKDGFDLNGKIEAKIHTLLPMQCTNGSEVQ 120
Qy      121  SSMAETTWISPOGIPETKVQDMDCVYNNMQYLCSMKRPGIGVLLDTNYNLFYWEGLDH 180
Db      121  SSMAETTWISPOGIPETKVQDMDCVYNNMQYLCSMKRPGIGVLLDTNYNLFYWEGLDH 180
Qy      181  ALQCDVYIKADGQNGCRFPYLEASDYKDFYICVNGSSENKPIRSSYTFPOLONIYKPLP 240
Db      181  ALQCDVYIKADGQNGCRFPYLEASDYKDFYICVNGSSENKPIRSSYTFPOLONIYKPLP 240
Qy      241  PVIYLTFTRESSCEIKLKMISIPLGPIPARCFDYEIEIREDDTTLVATYVENETYLKTNE 300
Db      241  PVIYLTFTRESSCEIKLKMISIPLGPIPARCFDYEIEIREDDTTLVATYVENETYLKTNE 300
Qy      301  TRQLCFVVRSKVNIYCSDDGIWSEWSDKQCEWGEDLSKKTLLRFWLPGFILLIIVIFVTG 360
Db      301  TRQLCFVVRSKVNIYCSDDGIWSEWSDKQCEWGEDLSKKTLLRFWLPGFILLIIVIFVTG 360
Qy      361  LLRKPNTPYPMKIPPEFCDT 380
Db      361  LLRKPNTPYPMKIPPEFCDT 380

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RESULT 2

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US-08-841-751-4
; Sequence 4, Application US/08841751
; Patent No. 6214559
; GENERAL INFORMATION:
; APPLICANT: Collins, Mary
; APPLICANT: Donaldson, Debra
; APPLICANT: Filiz, Lori
; APPLICANT: Neben, Tamlyn
; APPLICANT: Whitters, Matthew
; APPLICANT: Wood, Clive
; TITLE OF INVENTION: CYTOKINE RECEPTOR CHAIN
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESSES:
; ADDRESSER: Genetics Institute, Inc.
; STREET: 87 Cambridgepark Drive
; CITY: Cambridge
; STATE: MA
; COUNTRY: USA
; ZIP: 02140
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/841,751
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/609,572
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Brown, Scott A.
; REGISTRATION NUMBER: 32,724
; REFERENCE/DOCKET NUMBER: G15268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 498-8224
; TELEFAX: (617) 876-5851
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 380 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-841-751-4

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Query Match 100.0%; Score 2104; DB 2; Length 380;
 Best Local Similarity 100.0%; Pred. No. 1.5e-207; Indels 0; Gaps 0;
 Matches 380; Conservative 0; Mismatches 0;

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Qy      1  MAFVCLAGCLYTLISTTGGCTSSDTEIKNPPQDFEIVDPGLYLYQMGPPLSLD 60
Db      1  MAFVCLAGCLYTLISTTGGCTSSDTEIKNPPQDFEIVDPGLYLYQMGPPLSLD 60
Qy      61  HFKECTVEYELKYNIGSETWKTIIITKXLYKDGFDLNGKIEAKIHTLLPMQCTNGSEVQ 120
Db      61  HFKECTVEYELKYNIGSETWKTIIITKXLYKDGFDLNGKIEAKIHTLLPMQCTNGSEVQ 120
Qy      121  SSMAETTWISPOGIPETKVQDMDCVYNNMQYLCSMKRPGIGVLLDTNYNLFYWEGLDH 180
Db      121  SSMAETTWISPOGIPETKVQDMDCVYNNMQYLCSMKRPGIGVLLDTNYNLFYWEGLDH 180
Qy      181  ALQCDVYIKADGQNGCRFPYLEASDYKDFYICVNGSSENKPIRSSYTFPOLONIYKPLP 240
Db      181  ALQCDVYIKADGQNGCRFPYLEASDYKDFYICVNGSSENKPIRSSYTFPOLONIYKPLP 240
Qy      241  PVIYLTFTRESSCEIKLKMISIPLGPIPARCFDYEIEIREDDTTLVATYVENETYLKTNE 300
Db      241  PVIYLTFTRESSCEIKLKMISIPLGPIPARCFDYEIEIREDDTTLVATYVENETYLKTNE 300
Qy      301  TRQLCFVVRSKVNIYCSDDGIWSEWSDKQCEWGEDLSKKTLLRFWLPGFILLIIVIFVTG 360
Db      301  TRQLCFVVRSKVNIYCSDDGIWSEWSDKQCEWGEDLSKKTLLRFWLPGFILLIIVIFVTG 360
Qy      361  LLRKPNTPYPMKIPPEFCDT 380
Db      361  LLRKPNTPYPMKIPPEFCDT 380

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RESULT 3

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US-08-846-340-4
; Sequence 4, Application US/08846340
; Patent No. 6248714
; GENERAL INFORMATION:
; APPLICANT: Collins, Mary
; APPLICANT: Donaldson, Debra
; APPLICANT: Filiz, Lori
; APPLICANT: Neben, Tamlyn
; APPLICANT: Whitters, Matthew
; APPLICANT: Wood, Clive
; TITLE OF INVENTION: CYTOKINE RECEPTOR CHAIN
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESSES:
; ADDRESSER: Genetics Institute, Inc.
; STREET: 87 Cambridgepark Drive
; CITY: Cambridge
; STATE: MA
; COUNTRY: USA
; ZIP: 02140
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/846,340
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/609,572
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Brown, Scott A.
; REGISTRATION NUMBER: 32,724
; REFERENCE/DOCKET NUMBER: G15268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 498-8224
; TELEFAX: (617) 876-5851

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INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 380 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-846-340-4

Query Match 100.0%; Score 2104; DB 2; Length 380;
 Best Local Similarity 100.0%; Pred. No. 1.5e-207;
 Matches 380; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFVCLATIGCLYTPILSTFGCTSSSDTEIKVNPDPDEIVDPGYLYLQMOPLSLD 60
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 DB 1 MAFVCLATIGCLYTPILSTFGCTSSSDTEIKVNPDPDEIVDPGYLYLQMOPLSLD 60
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 QY 61 HREKTEVEYELKYNIGSETWTKIITKNLHYKDGFDLNGIEAKIHTLLPMOCTNGSEVQ 120
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 DB 61 HREKTEVEYELKYNIGSETWTKIITKNLHYKDGFDLNGIEAKIHTLLPMOCTNGSEVQ 120
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 DB 121 SSWAETTYWISPGIPETRVQDMDCVYVNMQYLLCSMKPGIGVLLDTNNTLFWYEGDLH 180
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 QY 181 ALQCVDTYIADQNGICRPPYLEASDYKDFYICVNGSSSENKPIRSSYFTFQOLNIYKPLP 240
 |||||||
 DB 181 ALQCVDTYIADQNGICRPPYLEASDYKDFYICVNGSSSENKPIRSSYFTFQOLNIYKPLP 240
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 QY 241 PVLITFTRSSCEIKLWMSIPLGPIPARCFDYEIEIRREDDTLVTAIVENETYLKTNE 300
 |||||||
 DB 241 PVLITFTRSSCEIKLWMSIPLGPIPARCFDYEIEIRREDDTLVTAIVENETYLKTNE 300
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 QY 301 TROLCFVRSKVNICYSDGIMSEWSDKOCWEGEDLSKKTLLRFWLPFGFILLVIFVTG 360
 |||||||
 DB 301 TROLCFVRSKVNICYSDGIMSEWSDKOCWEGEDLSKKTLLRFWLPFGFILLVIFVTG 360
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 QY 361 LLIRKENTYPKMIPEFFCDT 380
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 DB 361 LLIRKENTYPKMIPEFFCDT 380
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RESULT 4
 US-08-846-344-4
 ; Sequence 4, Application US/08846344
 ; Patent No. 6268480
 ; GENERAL INFORMATION:
 ; APPLICANT: Collins, Mary
 ; APPLICANT: Donaldson, Debra
 ; APPLICANT: Fitz, Lori
 ; APPLICANT: Neben, Tamlyn
 ; APPLICANT: Whitlers, Matthew
 ; APPLICANT: Wood, Clive
 ; TITLE OF INVENTION: CYTOKINE RECEPTOR CHAIN
 ; NUMBER OF SEQUENCES: 9
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Genetics Institute, Inc.
 ; STREET: 87 CambridgePark Drive
 ; CITY: Cambridge
 ; STATE: MA
 ; COUNTRY: USA
 ; ZIP: 02140
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patentin Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/846,344
 ; FILING DATE:
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/609,572
 ; FILING DATE:

ATTORNEY/AGENT INFORMATION:
 NAME: Brown, Scott A.
 REGISTRATION NUMBER: 32,724
 REFERENCE/DOCKET NUMBER: G15268
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 498-8224
 TELEFAX: (617) 876-5851
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 380 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-846-344-4

Query Match 100.0%; Score 2104; DB 2; Length 380;
 Best Local Similarity 100.0%; Pred. No. 1.5e-207;
 Matches 380; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFVCLATIGCLYTPILSTFGCTSSSDTEIKVNPDPDEIVDPGYLYLQMOPLSLD 60
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 DB 1 MAFVCLATIGCLYTPILSTFGCTSSSDTEIKVNPDPDEIVDPGYLYLQMOPLSLD 60
 |||||||
 QY 61 HREKTEVEYELKYNIGSETWTKIITKNLHYKDGFDLNGIEAKIHTLLPMOCTNGSEVQ 120
 |||||||
 DB 61 HREKTEVEYELKYNIGSETWTKIITKNLHYKDGFDLNGIEAKIHTLLPMOCTNGSEVQ 120
 |||||||
 QY 121 SSWAETTYWISPGIPETRVQDMDCVYVNMQYLLCSMKPGIGVLLDTNNTLFWYEGDLH 180
 |||||||
 DB 121 SSWAETTYWISPGIPETRVQDMDCVYVNMQYLLCSMKPGIGVLLDTNNTLFWYEGDLH 180
 |||||||
 QY 181 ALQCVDTYIADQNGICRPPYLEASDYKDFYICVNGSSSENKPIRSSYFTFQOLNIYKPLP 240
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 DB 181 ALQCVDTYIADQNGICRPPYLEASDYKDFYICVNGSSSENKPIRSSYFTFQOLNIYKPLP 240
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 QY 241 PVLITFTRSSCEIKLWMSIPLGPIPARCFDYEIEIRREDDTLVTAIVENETYLKTNE 300
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 DB 241 PVLITFTRSSCEIKLWMSIPLGPIPARCFDYEIEIRREDDTLVTAIVENETYLKTNE 300
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 QY 301 TROLCFVRSKVNICYSDGIMSEWSDKOCWEGEDLSKKTLLRFWLPFGFILLVIFVTG 360
 |||||||
 DB 301 TROLCFVRSKVNICYSDGIMSEWSDKOCWEGEDLSKKTLLRFWLPFGFILLVIFVTG 360
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 QY 361 LLIRKENTYPKMIPEFFCDT 380
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 DB 361 LLIRKENTYPKMIPEFFCDT 380
 |||||||

RESULT 5
 US-09-301-808-4
 ; Sequence 4, Application US/09301808
 ; Patent No. 6664227
 ; GENERAL INFORMATION:
 ; APPLICANT: Wynn, Thomas
 ; APPLICANT: Charamonte, Monica
 ; APPLICANT: Collins, Mary
 ; APPLICANT: Donaldson, Debra
 ; APPLICANT: Fitz, Lori
 ; APPLICANT: Neben, Tamlyn
 ; APPLICANT: Whitlers, Matthew
 ; APPLICANT: Wood, Clive
 ; TITLE OF INVENTION: TREATMENT OF FIBROSIS BY ANTAGONISM OF IL-13
 ; NUMBER OF SEQUENCES: 9
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Genetics Institute, Inc.
 ; STREET: 87 CambridgePark Drive
 ; CITY: Cambridge
 ; STATE: MA
 ; COUNTRY: USA
 ; ZIP: 02140
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk

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; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/301,808
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Brown, Scott A.
; REGISTRATION NUMBER: 32,724
; REFERENCE/DOCKET NUMBER: G15268A2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 876-8224
; TELEFAX: (617) 876-5851
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 380 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-09-301-808-4

Query Match      100.0%; Score 2104; DB 2; Length 380;
Best Local Similarity 100.0%; Pred. No. 1,5e-207;
Matches 380; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFVLAIGCLYTLFTSTFGCTSSDTEIKNPPQDEIVDPGYLYLQWOPPLSLD 60
DB 1 MAFVLAIGCLYTLFTSTFGCTSSDTEIKNPPQDEIVDPGYLYLQWOPPLSLD 60
QY 61 HPKECTVEYELKRYNIGSETWTKITITKNLHYKDGFDLNGIKIAKHTLLPMQCTNGSEVQ 120
DB 61 HPKECTVEYELKRYNIGSETWTKITITKNLHYKDGFDLNGIKIAKHTLLPMQCTNGSEVQ 120
QY 121 SSWAETTYWISPOGIPETKVQDMDCVYVNMQYLLCSWKPGIGVLLDTNNLFWYEGDLH 180
DB 121 SSWAETTYWISPOGIPETKVQDMDCVYVNMQYLLCSWKPGIGVLLDTNNLFWYEGDLH 180
QY 181 ALQCTVDYIKADGQNIIGCRFPYLEASDYKDFYICVNGSSSNKRIRSSYFTFQLONIYKPLP 240
DB 181 ALQCTVDYIKADGQNIIGCRFPYLEASDYKDFYICVNGSSSNKRIRSSYFTFQLONIYKPLP 240
QY 241 PVLATFTRESSCEIKLMSIPLGP1PARCFDYEIEIREDDTLVTATVENETYLKTINE 300
DB 241 PVLATFTRESSCEIKLMSIPLGP1PARCFDYEIEIREDDTLVTATVENETYLKTINE 300
QY 301 TROLCFVVRSKVNIYCSDDGIWSEWSDKQCEGSDLSKKTLLRPMLPFGFILLIVIPVTG 360
DB 301 TROLCFVVRSKVNIYCSDDGIWSEWSDKQCEGSDLSKKTLLRPMLPFGFILLIVIPVTG 360
QY 361 LLLRKPNYPMIPEFFCT 380
DB 361 LLLRKPNYPMIPEFFCT 380

RESULT 6
US-09-825-561A-84
; Sequence 84, Application US/09825561A
; Patent No. 6777539
; GENERAL INFORMATION:
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: West, James W.
; APPLICANT: Preenell, Scott R.
; APPLICANT: Holly, Richard D.
; APPLICANT: Nelson, Andrew J.
; TITLE OF INVENTION: SOLUBLE ZALPHAL1 CYTOKINE RECEPTORS
; FILE REFERENCE: 00-22
; CURRENT APPLICATION NUMBER: US/09/825,561A
; PRIOR FILING DATE: 2000-04-05
; PRIOR APPLICATION NUMBER: US 60/194,731
; PRIOR FILING DATE: 2000-04-05
; PRIOR APPLICATION NUMBER: US 60/222,121
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; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 86
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 84
; LENGTH: 317
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-825-561A-84

Query Match      83.8%; Score 1764; DB 2; Length 317;
Best Local Similarity 100.0%; Pred. No. 1e-172;
Matches 317; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 27 DTEIKNPPQDEIVDPGYLYLQWOPPLSLDHPKECTVEYELKRYNIGSETWTKITIT 86
DB 1 DTEIKNPPQDEIVDPGYLYLQWOPPLSLDHPKECTVEYELKRYNIGSETWTKITIT 60
QY 87 KNLHYKDGFDLNGIKIAKHTLLPMQCTNGSEVSSWAETTYWISPOGIPETKVQDMDCV 146
DB 61 KNLHYKDGFDLNGIKIAKHTLLPMQCTNGSEVSSWAETTYWISPOGIPETKVQDMDCV 120
QY 147 YVNMQYLLCSWKPGIGVLLDTNNLFWYEGDLHALQCVDIYIKADGQNIIGCRFPYLEASD 206
DB 121 YVNMQYLLCSWKPGIGVLLDTNNLFWYEGDLHALQCVDIYIKADGQNIIGCRFPYLEASD 180
QY 207 YKDFYICVNGSSSNKRIRSSYFTFQLONIYKPLPVLITFTRESSCEIKLMSIPLGP1P 266
DB 181 YKDFYICVNGSSSNKRIRSSYFTFQLONIYKPLPVLITFTRESSCEIKLMSIPLGP1P 240
QY 267 ARCFDYEIEIREDDTLVTATVENETYLKTNETROLCFVVRSKVNIYCSDDGIWSEWS 326
DB 241 ARCFDYEIEIREDDTLVTATVENETYLKTNETROLCFVVRSKVNIYCSDDGIWSEWS 300
QY 327 DKQCEGSDLSKKTLLR 343
DB 301 DKQCEGSDLSKKTLLR 317

RESULT 7
US-09-828-995B-61
; Sequence 61, Application US/09828995B
; Patent No. 6703360
; GENERAL INFORMATION:
; APPLICANT: Heska Corporation
; APPLICANT: McCall, Catherine A.
; APPLICANT: Tang, Liang A.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATED TO CANINE IGG AND CANINE IL-13 R
; FILE REFERENCE: AL-7
; CURRENT APPLICATION NUMBER: US/09/828,995B
; CURRENT FILING DATE: 2001-04-09
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: 60/195,874
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: 60/195,659
; NUMBER OF SEQ ID NOS: 104
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 61
; LENGTH: 386
; TYPE: PRT
; ORGANISM: Canis familiaris
; US-09-828-995B-61

Query Match      71.4%; Score 1503; DB 2; Length 386;
Best Local Similarity 72.9%; Pred. No. 9,5e-146;
Matches 272; Conservative 42; Mismatches 57; Indels 2; Gaps 2;

QY 1 MAFVLAIGCLYTLFTSTFGCTSSDTEIKNPPQDEIVDPGYLYLQWOPPLSLD 60
DB 1 MAFVLAIGCLYTLFTSTFGCTSSDTEIKNPPQDEIVDPGYLYLQWOPPLSLD 59
QY 61 HPKECTVEYELKRYNIGSETWTKITITKNLHYKDGFDLNGIKIAKHTLLPMQCTNGSEVQ 120
DB 60 HPKECTVEYELKRYNIGSETWTKITITKNLHYKDGFDLNGIKIAKHTLLPMQCTNGSEVQ 119
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; SEQ ID NO 72
; LENGTH: 561
; TYPE: PRT
; ORGANISM: Canis familiaris
US-09-828-995B-72
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Query Match      66.2%; Score 1392.5; DB 2; Length 561;
Best Local Similarity 78.1%; Pred. No. 3.9e-134;
Matches 246; Conservative 33; Mismatches 35; Indels 1; Gaps 1;
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QY 26 SDTEIKVNPPODFEIVDPGYLGVLQWQPPSLDHFKECTVEYELKYNIGSETWKTII 85
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
DB 5 SNAEIKVNPPODFEIVDPGYLGVLQWQPPSLDHFKECTVEYELKYNIGSETWKTII 64
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
QY 86 TKNLHYKDGFDLNKGIKAKIHITLLPWQCTNGSEVSSMAETTYWISPGIPEYKVDMD 145
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
DB 65 TKNLHYKDGFDLNKGIKAKIHITLLPWQCTNGSEVSSMAETTYWISPGIPEYKVDMD 124
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
QY 146 VYNNQYLLCSWKPGIGVLDNTNVLFWYEGLDHALQCVDIYKADGONIGCRFYL 205
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
DB 125 VYNNQYLLCSWKPGIGVLDNTNVLFWYEGLDHALQCVDIYKADGONIGCRFYL 184
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
QY 206 DYKDFYICVNGSSSEKPIRSSYFTFOLQNIYKPLPVYLTFTRESSCEIKLWMSIPL 265
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
DB 185 DYKDFYICVNGSSSEKPIRSSYFTFOLQNIYKPLPVYLTFTRESSCEIKLWMSIPL 244
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
QY 266 PARCFDYEIEIRDDDTLVATVENEYTLKTTNETRQLCFVRSKVNIIYCSDDGI 325
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
DB 245 PAKCFIYEIEFTEDGTWTTTVEINEIQTIRTSNESQKLCFLVRSKVNIIYCSDDGI 304
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
QY 326 SDKQCEGSDLSKKT 340
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
DB 305 SDEQCKMG-DIMKET 318
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
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RESULT 11
US-09-828-995B-81
; Sequence 81, Application US/09828995B
; Patent No. 6703360
; GENERAL INFORMATION:
; APPLICANT: Heska Corporation
; APPLICANT: McCall, Catherine A.
; APPLICANT: Tang, Liang A.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATED TO CANINE IGG AND CANINE IL-13 R
; FILE REFERENCE: AL-7
; CURRENT APPLICATION NUMBER: US/09/828,995B
; CURRENT FILING DATE: 2001-04-09
; PRIOR APPLICATION NUMBER: 60/195,874
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: 60/195,659
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 104
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 81
; LENGTH: 561
; TYPE: PRT
; ORGANISM: Canis familiaris
US-09-828-995B-81
```

```
Query Match      66.2%; Score 1392.5; DB 2; Length 561;
Best Local Similarity 78.1%; Pred. No. 3.9e-134;
Matches 246; Conservative 33; Mismatches 35; Indels 1; Gaps 1;

QY 26 SDTEIKVNPPODFEIVDPGYLGVLQWQPPSLDHFKECTVEYELKYNIGSETWKTII 85
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
DB 5 SNAEIKVNPPODFEIVDPGYLGVLQWQPPSLDHFKECTVEYELKYNIGSETWKTII 64
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
QY 86 TKNLHYKDGFDLNKGIKAKIHITLLPWQCTNGSEVSSMAETTYWISPGIPEYKVDMD 145
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
DB 65 TKNLHYKDGFDLNKGIKAKIHITLLPWQCTNGSEVSSMAETTYWISPGIPEYKVDMD 124
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
QY 146 VYNNQYLLCSWKPGIGVLDNTNVLFWYEGLDHALQCVDIYKADGONIGCRFYL 205
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
```

```
DB 125 VYNNQYLLCSWKPGIGVLDNTNVLFWYEGLDHALQCVDIYKADGONIGCRFYL 184
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
QY 206 DYKDFYICVNGSSSEKPIRSSYFTFOLQNIYKPLPVYLTFTRESSCEIKLWMSIPL 265
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
DB 185 DYKDFYICVNGSSSEKPIRSSYFTFOLQNIYKPLPVYLTFTRESSCEIKLWMSIPL 244
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
QY 266 PARCFDYEIEIRDDDTLVATVENEYTLKTTNETRQLCFVRSKVNIIYCSDDGI 325
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
DB 245 PAKCFIYEIEFTEDGTWTTTVEINEIQTIRTSNESQKLCFLVRSKVNIIYCSDDGI 304
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
QY 326 SDKQCEGSDLSKKT 340
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
DB 305 SDEQCKMG-DIMKET 318
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
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RESULT 12
US-09-828-995B-78
; Sequence 78, Application US/09828995B
; Patent No. 6703360
; GENERAL INFORMATION:
; APPLICANT: Heska Corporation
; APPLICANT: McCall, Catherine A.
; APPLICANT: Tang, Liang A.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATED TO CANINE IGG AND CANINE IL-13 R
; FILE REFERENCE: AL-7
; CURRENT APPLICATION NUMBER: US/09/828,995B
; CURRENT FILING DATE: 2001-04-09
; PRIOR APPLICATION NUMBER: 60/195,874
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: 60/195,659
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 104
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 78
; LENGTH: 563
; TYPE: PRT
; ORGANISM: Canis familiaris
US-09-828-995B-78
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Query Match      66.2%; Score 1392.5; DB 2; Length 563;
Best Local Similarity 78.1%; Pred. No. 3.9e-134;
Matches 246; Conservative 33; Mismatches 35; Indels 1; Gaps 1;
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QY 26 SDTEIKVNPPODFEIVDPGYLGVLQWQPPSLDHFKECTVEYELKYNIGSETWKTII 85
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
DB 5 SNAEIKVNPPODFEIVDPGYLGVLQWQPPSLDHFKECTVEYELKYNIGSETWKTII 64
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
QY 86 TKNLHYKDGFDLNKGIKAKIHITLLPWQCTNGSEVSSMAETTYWISPGIPEYKVDMD 145
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
DB 65 TKNLHYKDGFDLNKGIKAKIHITLLPWQCTNGSEVSSMAETTYWISPGIPEYKVDMD 124
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
QY 146 VYNNQYLLCSWKPGIGVLDNTNVLFWYEGLDHALQCVDIYKADGONIGCRFYL 205
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
DB 125 VYNNQYLLCSWKPGIGVLDNTNVLFWYEGLDHALQCVDIYKADGONIGCRFYL 184
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
QY 206 DYKDFYICVNGSSSEKPIRSSYFTFOLQNIYKPLPVYLTFTRESSCEIKLWMSIPL 265
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
DB 185 DYKDFYICVNGSSSEKPIRSSYFTFOLQNIYKPLPVYLTFTRESSCEIKLWMSIPL 244
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
QY 266 PARCFDYEIEIRDDDTLVATVENEYTLKTTNETRQLCFVRSKVNIIYCSDDGI 325
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
DB 245 PAKCFIYEIEFTEDGTWTTTVEINEIQTIRTSNESQKLCFLVRSKVNIIYCSDDGI 304
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
QY 326 SDKQCEGSDLSKKT 340
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||
DB 305 SDEQCKMG-DIMKET 318
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||

RESULT 13
US-09-828-995B-75
; Sequence 75, Application US/09828995B
; Patent No. 6703360
; GENERAL INFORMATION:
```

APPLICANT: Heeka Corporation
APPLICANT: McCall, Catherine A.
APPLICANT: Tang, Liang A.
TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATED TO CANINE IGG AND CANINE IL-13 R
FILE REFERENCE: AL-7
CURRENT APPLICATION NUMBER: US/09/828,995B
CURRENT FILING DATE: 2001-04-09
PRIOR APPLICATION NUMBER: 60/195,874
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: 60/195,659
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 104
SOFTWARE: PatentIn version 3.1
SEQ ID NO 75
LENGTH: 565
TYPE: PRP
ORGANISM: Canis familiaris
US-09-828-995B-75

Query Match 66.2%; Score 1392.5; DB 2; Length 565;
Best Local Similarity 78.1%; Pred. No. 3.9e-134;
Matches 246; Conservative 33; Mismatches 35; Indels 1; Gaps 1;

QY 26 SDPEIRVNPPQDEIVDPGLGYLQWQPLSLDHPKCTVEYELKYNIGSEMTKTI 85
DB 5 SNAEIRVNPPQDEIVDPGLGYLQWQPLSLDHPKCTVEYELKYNIGSEMTKTI 64
QY 86 TKLHFKDGFDLNKGIEAKIHTLLPMQCTNGSEVQSSMAETTYWISPOGIPETKVQDMDC 145
DB 65 TKLHFKDGFDLNKGIEAKIHTLLPMQCTNGSEVQSSMAETTYWISPOGIPETKVQDMDC 124
QY 146 VYNNQVLLCSWPKGIGVLLDTNYNLFYWEGLDHALQCVDIKADQNGICFPYLEAS 205
DB 125 VYNNQVLLCSWPKGIGVLLDTNYNLFYWEGLDHALQCVDIKADQNGICFPYLEAS 184
QY 206 DYDPIFCVNGSENKPIRSYFTFQOLNFKPLPYLLFTFRESCEIKLKKSIPLGPI 265
DB 185 DYDPIFCVNGSENKPIRSYFTFQOLNFKPLPYLLFTFRESCEIKLKKSIPLGPI 244
QY 266 PARCFVEIRREDDTLVATVENEYTLKTNETROLCFVVRSKNIVCSDGIMSEW 325
DB 245 PARCFVEIRREDDTLVATVENEYTLKTNETROLCFVVRSKNIVCSDGIMSEW 304
QY 326 SDRQCEGEDLSKKT 340
DB 305 SDRQCEGEDLSKKT 318

RESULT 14
US-08-609-572-2
Sequence 2, Application US/08609572
Patent No. 5710023

GENERAL INFORMATION:
APPLICANT: Collins, Mary
APPLICANT: Donaldson, Debra
APPLICANT: Fitz, Lori
APPLICANT: Neben, Tamlyn
APPLICANT: Whitlers, Matthew
APPLICANT: Wood, Clive
TITLE OF INVENTION: CYTOKINE RECEPTOR CHAIN
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: 87 CambridgePark Drive
CITY: Cambridge
STATE: MA
COUNTRY: USA
ZIP: 02140
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/609,572
FILING DATE:
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Brown, Scott A.
REGISTRATION NUMBER: 32,724
REFERENCE/DOCKET NUMBER: G15268
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 876-5851
TELEFAX: (617) 876-8224
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 383 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-609-572-2

Query Match 56.8%; Score 1194.5; DB 1; Length 383;
Best Local Similarity 58.9%; Pred. No. 4.9e-114;
Matches 219; Conservative 55; Mismatches 91; Indels 7; Gaps 3;

QY 1 MAFVCLAIQCLYTFILSTFTGCTSSSDTEIKVNPQDFEIVDPGYLYLQWQPLSLD 60
DB 1 MAFV-HIRCLCFILCTITGYS---LEIKVNPQDFEIVDPGYLYLQWQPLSLD 54
QY 61 HFKCTVEYELKYNIGSEMTKTIITKNLHYKDGFDLNKGIEAKIHTLLPMQCTNGSEVQ 120
DB 55 KFKGCTVEYELKYNIGSEMTKTIITKNLHYKDGFDLNKGIEAKIHTLLPMQCTNGSEVQ 114
QY 121 SSWAETTYWISPOGIPETKVQDMDCVYNNQVLLCSWPKGIGVLLDTNYNLFYWEGLD 180
DB 115 SSWAETTYWISPOGIPETKVQDMDCVYNNQVLLCSWPKGIGVLLDTNYNLFYWEGLD 174
QY 181 ALQCVDIKADQNGICFPYLEASDPIFCVNGSENKPIRSYFTFQOLNFKPLPYLLFTFRES 240
DB 175 ALQCVDIKADQNGICFPYLEASDPIFCVNGSENKPIRSYFTFQOLNFKPLPYLLFTFRES 234
QY 241 PYLFTFRESCEIKLKKSIPLGPIPARCFVEIRREDDTLVATVENEYTLKTNB 300
DB 235 PYLFTFRESCEIKLKKSIPLGPIPARCFVEIRREDDTLVATVENEYTLKTNB 294
QY 301 TROLCFVVRSKNIVCSDGIMSEWSDRQCEGEDLSKKTILRPFILILVIFVNG 360
DB 295 TROLCFVVRSKNIVCSDGIMSEWSDRQCEGEDLSKKTILRPFILILVIFVNG 353
QY 361 ILIRKPNTPYK 372
DB 354 ILIRKPNTPYK 365

RESULT 15
US-08-841-751-2
Sequence 2, Application US/08841751
Patent No. 6214559

GENERAL INFORMATION:
APPLICANT: Collins, Mary
APPLICANT: Donaldson, Debra
APPLICANT: Fitz, Lori
APPLICANT: Neben, Tamlyn
APPLICANT: Whitlers, Matthew
APPLICANT: Wood, Clive
TITLE OF INVENTION: CYTOKINE RECEPTOR CHAIN
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: 87 CambridgePark Drive
CITY: Cambridge
STATE: MA
COUNTRY: USA
ZIP: 02140
COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/841,751
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/609,572
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Brown, Scott A.
REGISTRATION NUMBER: 32,724
REFERENCE/DOCKET NUMBER: G15268
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8224
TELEFAX: (617) 876-5851
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 383 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-841-751-2

Query Match 56.8%; Score 1194.5; DB 2; Length 383;
Best Local Similarity 58.9%; Pred. No. 4,9e-114;
Matches 219; Conservative 55; Mismatches 91; Indels 7; Gaps 3;
QY 1 MAFVCLAIICLYTFITSTFGCTSSSDTEIKVNPQDFEIVDPGYLYLQMOPLSLD 60
DB 1 MAFV--HIRCLCFILLCITGYS---LEIKVNPQDFEILDPLGLGYLYLQMKPPVIE 54
QY 61 HFEKCTVEYELKYRNIGSETWTKIITKNLHYKGFDLNKGIAKIHITLLPQCCTNGSEVQ 120
DB 55 KFKGCTLEVELEKYRNVDSDSMKTIITRNLIYKGFDLNKGIEGKIRTHLSEHCTNGSEVQ 114
QY 121 SSMATTWISPGIPEFVQMDVCVYVMQYLLCSWKPGIGVLLDTNNLFWYEGLDH 180
DB 115 SPWIASYGISDEGSLETKIQDKCIYVMQYLVCSWKPGKTVSDTNTMFWYEGLDH 174
QY 181 ALQCVDIKADGONIGCRPPYLEASDYKDYICVNGSENKPRIRSSYFTFQLONIIVKPLP 240
DB 175 ALQCADYLOHDEKNVGCCKLSNLDSSDYKDFICVNGSKLPIRSSYTFQLONIIVKPLP 234
QY 241 PYYLTFTRSSCEIKLWKSIPLGPIPARCFDYEIIRDDTTLVTATVENETVTLKTINE 300
DB 235 PEFLLHSVENSIDIRMKKSTPGGPPIPRCYTEIIVIRDDISWESATDKDMKLRANE 294
QY 301 TRQLCFVYVRSKNITICSDGINSWSDKQCEGEDLSKTLARFWLPFGFILLVIFVVG 360
DB 295 SEDLCFVACKNYICADGINSWSEBCEWEGYTGPDSKIIFIVPCLFPFILLLLC 353
QY 361 LLLRKNTYPKM 372
DB 354 LIVEKEPEPEPTL 365

Search completed: January 27, 2006, 14:48:24
Job time : 23.3851 secs

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OM protein - protein search, using sw model

Run on: January 27, 2006, 14:41:39 (Search time 18.6149 Seconds
(without alignments)
1403.470 Million cell updates/sec

Title: US-09-868-123-4_COPY_26_341
Perfect score: 1759
Sequence: 1 SPTKLVNPPQDFEIVDPGY.....WSEWSDKQCEGSDLSKTKTL 316

Scoring table: BLOSUM62

Gapop 10.0, Gapext 0.5

Searched: 572060 seqs, 82675679 residues

Total number of hits satisfying chosen parameters: 572060

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA:*
1: /cgn2_6/prodata/1/iaa/5_COMB.pep:*
2: /cgn2_6/prodata/1/iaa/6_COMB.pep:*
3: /cgn2_6/prodata/1/iaa/H_COMB.pep:*
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6: /cgn2_6/prodata/1/iaa/backfilest1.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1759	100.0	380	1	US-08-609-572-4 Sequence 4, Appl
2	1759	100.0	380	2	US-08-841-751-4 Sequence 4, Appl
3	1759	100.0	380	2	US-08-846-340-4 Sequence 4, Appl
4	1759	100.0	380	2	US-08-846-344-4 Sequence 4, Appl
5	1759	100.0	380	2	US-09-301-808-4 Sequence 4, Appl
6	1755	99.8	317	2	US-09-825-561A-84 Sequence 84, Appl
7	1396.5	79.4	365	2	US-09-828-995B-66 Sequence 66, Appl
8	1396.5	79.4	386	2	US-09-828-995B-61 Sequence 61, Appl
9	1392.5	79.2	318	2	US-09-828-995B-69 Sequence 69, Appl
10	1392.5	79.2	561	2	US-09-828-995B-72 Sequence 72, Appl
11	1392.5	79.2	561	2	US-09-828-995B-81 Sequence 81, Appl
12	1392.5	79.2	563	2	US-09-828-995B-78 Sequence 78, Appl
13	1392.5	79.2	565	2	US-09-828-995B-75 Sequence 75, Appl
14	1168	66.4	383	1	US-08-609-572-2 Sequence 2, Appl
15	1168	66.4	383	2	US-08-841-751-2 Sequence 2, Appl
16	1168	66.4	383	2	US-08-846-340-2 Sequence 2, Appl
17	1168	66.4	383	2	US-08-846-344-2 Sequence 2, Appl
18	1168	66.4	383	2	US-09-301-808-2 Sequence 2, Appl
19	879.5	50.0	255	2	US-09-828-995B-58 Sequence 58, Appl
20	822	46.7	220	2	US-09-949-016-7266 Sequence 7266, Ap
21	576	32.7	145	2	US-09-828-995B-55 Sequence 55, Appl
22	294.5	16.7	420	1	US-07-757-390-13 Sequence 13, Appl
23	294.5	16.7	420	1	US-08-442-282-13 Sequence 13, Appl
24	294.5	16.7	420	1	US-08-442-281-13 Sequence 13, Appl
25	293.5	16.7	420	1	US-08-939-727-13 Sequence 13, Appl
26	293.5	16.7	396	1	US-07-757-390-14 Sequence 14, Appl
27	293.5	16.7	396	1	US-08-442-282-14 Sequence 14, Appl

28	293.5	16.7	396	1	US-08-442-281-14 Sequence 14, Appl
29	293.5	16.7	396	1	US-08-939-727-14 Sequence 14, Appl
30	293.5	16.7	420	2	US-09-886-319A-24 Sequence 24, Appl
31	293.5	16.7	420	2	US-09-949-016-5958 Sequence 5958, Ap
32	293.5	16.7	427	2	US-09-949-016-8614 Sequence 8614, Ap
33	293.5	16.7	427	2	US-09-949-016-8620 Sequence 8620, Ap
34	293	16.7	313	2	US-08-836-561-106 Sequence 106, App
35	293	16.7	313	2	US-09-434-122-106 Sequence 106, App
36	292	16.6	335	1	US-07-947-130-2 Sequence 2, Appl
37	292	16.6	335	1	US-08-421-823-2 Sequence 2, Appl
38	292	16.6	335	1	US-08-421-823-2 Sequence 2, Appl
39	290	16.5	405	2	US-09-828-995B-50 Sequence 50, Appl
40	287.5	16.3	424	2	US-09-688-286D-2 Sequence 2, Appl
41	284	16.1	322	2	US-09-825-561A-82 Sequence 82, Appl
42	284	16.1	426	2	US-09-688-286D-4 Sequence 4, Appl
43	284	16.1	427	2	US-08-969-125-9 Sequence 9, Appl
44	284	16.1	427	2	US-09-545-002-9 Sequence 9, Appl
45	284	16.1	427	2	US-09-949-016-6094 Sequence 6094, Ap

ALIGNMENTS

RESULT 1
US-08-609-572-4
; Sequence 4, Application US/08609572
; Patent No. 5710023
; GENERAL INFORMATION:
; APPLICANT: Collins, Mary
; APPLICANT: Donaldson, Debra
; APPLICANT: Filtz, Lori
; APPLICANT: Nebden, Tamlyn
; APPLICANT: Whitlers, Matthew
; APPLICANT: Wood, Clive
; TITLE OF INVENTION: CYTOKINE RECEPTOR CHAIN
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genetics Institute, Inc.
; STREET: 87 Cambridgepark Drive
; CITY: Cambridge
; STATE: MA
; COUNTRY: USA
; ZIP: 02140
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/609,572
; FILING DATE:
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Brown, Scott A.
; REGISTRATION NUMBER: 32,724
; REFERENCE/DOCKET NUMBER: G15268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 498-8224
; TELEFAX: (617) 876-5851
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 380 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-609-572-4
Query Match 100.0%; Score 1759; DB 1; Length 380;
Best Local Similarity 100.0%; Pred. No. 1.8e-173; Indels 0; Gaps 0;
Matches 316; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 SPTKLVNPPQDFEIVDPGYLVQWPPSLDHFKECTWEYELKYNIGSETWKTII 60
|||||

Db 26 SDTEIKVNPDPDEFIVDPBGVLYLYLQWQPPSLSDHFKECTVEYELKYRNI GSETWTKTII 85
QY 61 TKNLHYKDGFDPLNKGIEAKIHITLLPWQCTNGSEVQSSWAETTYWISPGIIPETKYQDMDC 120
Db 86 TKNLHYKDGFDPLNKGIEAKIHITLLPWQCTNGSEVQSSWAETTYWISPGIIPETKYQDMDC 145
QY 121 VYVNMQYLLCSWKKGIGVLLDTNLYNLFYWEGLDHALQCVDIYKADGQNICRFPYLEAS 180
Db 146 VYVNMQYLLCSWKKGIGVLLDTNLYNLFYWEGLDHALQCVDIYKADGQNICRFPYLEAS 205
QY 181 DYKDFYICVNGSSSENKPIRSSYFTFQLONIYKPLPPVYLFTFRSSCEIKLXMSIPLGPI 240
Db 206 DYKDFYICVNGSSSENKPIRSSYFTFQLONIYKPLPPVYLFTFRSSCEIKLXMSIPLGPI 265
QY 241 PARCFDYEIEIRDDDTLLVTATVENETYYTLKTTNETROLCFVRSKNVIYCSDDGIMSEW 300
Db 266 PARCFDYEIEIRDDDTLLVTATVENETYYTLKTTNETROLCFVRSKNVIYCSDDGIMSEW 325
QY 301 SDKOCWEGEDLSKCTL 316
Db 326 SDKOCWEGEDLSKCTL 341

RESULT 2

US-08-841-751-4
; Sequence 4, Application US/08841751
; Patent No. 6214559
; GENERAL INFORMATION:
; APPLICANT: Collins, Mary
; APPLICANT: Donaldson, Debra
; APPLICANT: Fitz, Lori
; APPLICANT: Neben, Tamlyn
; APPLICANT: Whiters, Matthew
; APPLICANT: Wood, Clive
; TITLE OF INVENTION: CYTOKINE RECEPTOR CHAIN
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genetics Institute, Inc.
; STREET: 87 Cambridgepark Drive
; CITY: Cambridge
; STATE: MA
; COUNTRY: USA
; ZIP: 02140
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/841,751
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/609,572
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Brown, Scott A.
; REGISTRATION NUMBER: 32,724
; REFERENCE/DOCKET NUMBER: G15268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 498-8224
; TELEFAX: (617) 876-5851
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 380 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-841-751-4

Query Match 100.0%; Score 1759; DB 2; Length 380;
Best Local Similarity 100.0%; Pred. No. 1.8e-173;
Matches 316; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SDTEIKVNPDPDEFIVDPBGVLYLYLQWQPPSLSDHFKECTVEYELKYRNI GSETWTKTII 60
Db 26 SDTEIKVNPDPDEFIVDPBGVLYLYLQWQPPSLSDHFKECTVEYELKYRNI GSETWTKTII 85
QY 61 TKNLHYKDGFDPLNKGIEAKIHITLLPWQCTNGSEVQSSWAETTYWISPGIIPETKYQDMDC 120
Db 86 TKNLHYKDGFDPLNKGIEAKIHITLLPWQCTNGSEVQSSWAETTYWISPGIIPETKYQDMDC 145
QY 121 VYVNMQYLLCSWKKGIGVLLDTNLYNLFYWEGLDHALQCVDIYKADGQNICRFPYLEAS 180
Db 146 VYVNMQYLLCSWKKGIGVLLDTNLYNLFYWEGLDHALQCVDIYKADGQNICRFPYLEAS 205
QY 181 DYKDFYICVNGSSSENKPIRSSYFTFQLONIYKPLPPVYLFTFRSSCEIKLXMSIPLGPI 240
Db 206 DYKDFYICVNGSSSENKPIRSSYFTFQLONIYKPLPPVYLFTFRSSCEIKLXMSIPLGPI 265
QY 241 PARCFDYEIEIRDDDTLLVTATVENETYYTLKTTNETROLCFVRSKNVIYCSDDGIMSEW 300
Db 266 PARCFDYEIEIRDDDTLLVTATVENETYYTLKTTNETROLCFVRSKNVIYCSDDGIMSEW 325
QY 301 SDKOCWEGEDLSKCTL 316
Db 326 SDKOCWEGEDLSKCTL 341

RESULT 3

US-08-846-340-4
; Sequence 4, Application US/08846340
; Patent No. 6248714
; GENERAL INFORMATION:
; APPLICANT: Collins, Mary
; APPLICANT: Donaldson, Debra
; APPLICANT: Fitz, Lori
; APPLICANT: Neben, Tamlyn
; APPLICANT: Whiters, Matthew
; APPLICANT: Wood, Clive
; TITLE OF INVENTION: CYTOKINE RECEPTOR CHAIN
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genetics Institute, Inc.
; STREET: 87 Cambridgepark Drive
; CITY: Cambridge
; STATE: MA
; COUNTRY: USA
; ZIP: 02140
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/846,340
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/609,572
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Brown, Scott A.
; REGISTRATION NUMBER: 32,724
; REFERENCE/DOCKET NUMBER: G15268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 498-8224
; TELEFAX: (617) 876-5851
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 380 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-846-340-4

Query Match 100.0%; Score 1759; DB 2; Length 380;
 Best Local Similarity 100.0%; Pred. No. 1.8e-173;
 Matches 316; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SDTEIKVNPPODFEIVDPGYLYLQWQPLSLDFHFKCEYVEYELKRNIGSETWKTII 60
 DB 26 SDTEIKVNPPODFEIVDPGYLYLQWQPLSLDFHFKCEYVEYELKRNIGSETWKTII 85
 QY 61 TKNLHYKGFIDLNKGIKAKIHITLLPMQCTNGSEVOSSMAETTYWISPGCIPEYKQDMDC 120
 DB 86 TKNLHYKGFIDLNKGIKAKIHITLLPMQCTNGSEVOSSMAETTYWISPGCIPEYKQDMDC 145
 QY 121 VYNNQYLLCSWKPGIGVILDTNNYLFYWEGLDHALQCVDIYKADGONIGRPFYLEAS 180
 DB 146 VYNNQYLLCSWKPGIGVILDTNNYLFYWEGLDHALQCVDIYKADGONIGRPFYLEAS 205
 QY 181 DYKDFYICVNGSSEKPIRSSYFTFQLONIYKPLPPVYLTFTRESSCEIKLMSIPLGPI 240
 DB 206 DYKDFYICVNGSSEKPIRSSYFTFQLONIYKPLPPVYLTFTRESSCEIKLMSIPLGPI 265
 QY 241 PARCFDYIEIREDDTTLVATAVENETVTLKTTNETRQLCFVRSKVNIIYCSDDGIWSEW 300
 DB 266 PARCFDYIEIREDDTTLVATAVENETVTLKTTNETRQLCFVRSKVNIIYCSDDGIWSEW 325
 QY 301 SDKQCEGSDLSKTL 316
 DB 326 SDKQCEGSDLSKTL 341

RESULT 4
 US-08-846-344-4
 ; Sequence 4, Application US/08846344
 ; Patent No. 6268480
 ; GENERAL INFORMATION:

APPLICANT: Collins, Mary
 APPLICANT: Donaldson, Debra
 APPLICANT: Filiz, Lori
 APPLICANT: Neben, Tamlyn
 APPLICANT: Whilters, Matthew
 APPLICANT: Wood, Clive
 TITLE OF INVENTION: CYTOKINE RECEPTOR CHAIN
 NUMBER OF SEQUENCES: 9
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Genetics Institute, Inc.
 STREET: 87 CambridgePark Drive
 CITY: Cambridge
 STATE: MA
 COUNTRY: USA
 ZIP: 02140
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/846,344
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/609,572
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Brown, Scott A.
 REGISTRATION NUMBER: 32,724
 REFERENCE/DOCKET NUMBER: G15268
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 498-8224
 TELEFAX: (617) 876-5851
 INFORMATION FOR SEQ ID NO: 4:
 LENGTH: 380 amino acids
 TYPE: amino acid
 TOPOLOGY: linear

MOLECULE TYPE: protein
 US-08-846-344-4

Query Match 100.0%; Score 1759; DB 2; Length 380;
 Best Local Similarity 100.0%; Pred. No. 1.8e-173;
 Matches 316; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SDTEIKVNPPODFEIVDPGYLYLQWQPLSLDFHFKCEYVEYELKRNIGSETWKTII 60
 DB 26 SDTEIKVNPPODFEIVDPGYLYLQWQPLSLDFHFKCEYVEYELKRNIGSETWKTII 85
 QY 61 TKNLHYKGFIDLNKGIKAKIHITLLPMQCTNGSEVOSSMAETTYWISPGCIPEYKQDMDC 120
 DB 86 TKNLHYKGFIDLNKGIKAKIHITLLPMQCTNGSEVOSSMAETTYWISPGCIPEYKQDMDC 145
 QY 121 VYNNQYLLCSWKPGIGVILDTNNYLFYWEGLDHALQCVDIYKADGONIGRPFYLEAS 180
 DB 146 VYNNQYLLCSWKPGIGVILDTNNYLFYWEGLDHALQCVDIYKADGONIGRPFYLEAS 205
 QY 181 DYKDFYICVNGSSEKPIRSSYFTFQLONIYKPLPPVYLTFTRESSCEIKLMSIPLGPI 240
 DB 206 DYKDFYICVNGSSEKPIRSSYFTFQLONIYKPLPPVYLTFTRESSCEIKLMSIPLGPI 265
 QY 241 PARCFDYIEIREDDTTLVATAVENETVTLKTTNETRQLCFVRSKVNIIYCSDDGIWSEW 300
 DB 266 PARCFDYIEIREDDTTLVATAVENETVTLKTTNETRQLCFVRSKVNIIYCSDDGIWSEW 325
 QY 301 SDKQCEGSDLSKTL 316
 DB 326 SDKQCEGSDLSKTL 341

RESULT 5

US-09-301-808-4
 ; Sequence 4, Application US/09301808
 ; Patent No. 6664227
 ; GENERAL INFORMATION:

APPLICANT: Wynn, Thomas
 APPLICANT: Chiaromonte, Monica
 APPLICANT: Collins, Mary
 APPLICANT: Donaldson, Debra
 APPLICANT: Filiz, Lori
 APPLICANT: Neben, Tamlyn
 APPLICANT: Whilters, Matthew
 APPLICANT: Wood, Clive
 TITLE OF INVENTION: TREATMENT OF FIBROSIS BY ANTAGONISM OF IL-13
 NUMBER OF SEQUENCES: 9
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Genetics Institute, Inc.
 STREET: 87 CambridgePark Drive
 CITY: Cambridge
 STATE: MA
 COUNTRY: USA
 ZIP: 02140
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/301,808
 FILING DATE:
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Brown, Scott A.
 REGISTRATION NUMBER: 32,724
 REFERENCE/DOCKET NUMBER: G1526842
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 498-8224
 TELEFAX: (617) 876-5851
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:

LENGTH: 380 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-301-808-4

Query Match 100.0%; Score 1759; DB 2; Length 380;
Best Local Similarity 100.0%; Pred. No. 1.8e-173;
Matches 316; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 SDTEIKVNPDPDFEIVDVGILGYLYLQWQPLSLDHFECTVEYELKRYNIGSETWTKTII 60
DB SDTEIKVNPDPDFEIVDVGILGYLYLQWQPLSLDHFECTVEYELKRYNIGSETWTKTII 85
QY 26 SDTEIKVNPDPDFEIVDVGILGYLYLQWQPLSLDHFECTVEYELKRYNIGSETWTKTII 85
DB 61 TKNLHYKDGFDLNGKIEAKIHTLLPWQCTNGSEVSSWAETTYWISPGIPEYKQVDMDC 120
DB 86 TKNLHYKDGFDLNGKIEAKIHTLLPWQCTNGSEVSSWAETTYWISPGIPEYKQVDMDC 145
QY 121 VYVMQYLLCSWKPFGIGVLDLTNNVLFYWEGLDHALQCVDIYKADGONIGCRFPYLEAS 180
DB 146 VYVMQYLLCSWKPFGIGVLDLTNNVLFYWEGLDHALQCVDIYKADGONIGCRFPYLEAS 205
QY 181 DYKDFYICVNGSSEKPIRSSYFTFQLONIYKPLPPVYLTFRESSCEIKLWMSIPLGPI 240
DB 206 DYKDFYICVNGSSEKPIRSSYFTFQLONIYKPLPPVYLTFRESSCEIKLWMSIPLGPI 265
QY 241 PARCFDYEIEIREDDTTLVTATVENEETTLKTTNETRQLCFVRSKNIYCSDDGIMSEW 300
DB 266 PARCFDYEIEIREDDTTLVTATVENEETTLKTTNETRQLCFVRSKNIYCSDDGIMSEW 325
QY 301 SDKOCMEGEDLSKRTL 316
DB 326 SDKOCMEGEDLSKRTL 341

RESULT 6

US-09-825-561A-84
Sequence 84 Application US/09825561A
Patent No. 6777539
GENERAL INFORMATION:
APPLICANT: Sprecher, Cindy A.
APPLICANT: No. 6777539ak, Julia E.
APPLICANT: West, James W.
APPLICANT: Presnell, Scott R.
APPLICANT: Holly, Richard D.
APPLICANT: Nelson, Andrew J.
TITLE OF INVENTION: SOLUBLE ZALPHA11 CYTOKINE RECEPTORS
FILE REFERENCE: 00-22
CURRENT APPLICATION NUMBER: US/09/825,561A
CURRENT FILING DATE: 2000-04-05
PRIOR APPLICATION NUMBER: US 60/194,731
PRIOR FILING DATE: 2000-04-05
PRIOR APPLICATION NUMBER: US 60/222,121
PRIOR FILING DATE: 2000-07-28
NUMBER OF SEQ ID NOS: 86
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 84
LENGTH: 317
TYPE: PRT
ORGANISM: Homo sapiens
US-09-825-561A-84

Query Match 99.8%; Score 1755; DB 2; Length 317;
Best Local Similarity 100.0%; Pred. No. 3.5e-173;
Matches 315; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 DTEIVNPPQDFEIVDVGILGYLYLQWQPLSLDHFECTVEYELKRYNIGSETWTKTII 61
DB 1 DTEIVNPPQDFEIVDVGILGYLYLQWQPLSLDHFECTVEYELKRYNIGSETWTKTII 60
QY 62 KNLHYKDGFDLNGKIEAKIHTLLPWQCTNGSEVSSWAETTYWISPGIPEYKQVDMDCV 121
DB 61 KNLHYKDGFDLNGKIEAKIHTLLPWQCTNGSEVSSWAETTYWISPGIPEYKQVDMDCV 120

QY 122 VYVMQYLLCSWKPFGIGVLDLTNNVLFYWEGLDHALQCVDIYKADGONIGCRFPYLEASD 181
DB 121 VYVMQYLLCSWKPFGIGVLDLTNNVLFYWEGLDHALQCVDIYKADGONIGCRFPYLEASD 180
QY 182 YKDFYICVNGSSEKPIRSSYFTFQLONIYKPLPPVYLTFRESSCEIKLWMSIPLGPI 241
DB 181 YKDFYICVNGSSEKPIRSSYFTFQLONIYKPLPPVYLTFRESSCEIKLWMSIPLGPI 240
QY 242 ARCFDYEIEIREDDTTLVTATVENEETTLKTTNETRQLCFVRSKNIYCSDDGIMSEWS 301
DB 241 ARCFDYEIEIREDDTTLVTATVENEETTLKTTNETRQLCFVRSKNIYCSDDGIMSEWS 300
QY 302 DKOCMEGEDLSKRTL 316
DB 301 DKOCMEGEDLSKRTL 315

RESULT 7

US-09-828-995B-66
Sequence 66 Application US/09828995B
Patent No. 6703360
GENERAL INFORMATION:
APPLICANT: Heska Corporation
APPLICANT: McCall, Catherine A.
APPLICANT: Tang, Liang A.
TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATED TO CANINE IGG AND CANINE IL-13 R
FILE REFERENCE: AI-7
CURRENT APPLICATION NUMBER: US/09/828,995B
CURRENT FILING DATE: 2001-04-09
PRIOR APPLICATION NUMBER: 60/195,874
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: 60/195,659
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 104
SOFTWARE: PatentIn version 3.1
SEQ ID NO 66
LENGTH: 365
TYPE: PRT
ORGANISM: Canis familiaris
US-09-828-995B-66

Query Match 79.4%; Score 1396.5; DB 2; Length 365;
Best Local Similarity 78.2%; Pred. No. 5.8e-136;
Matches 247; Conservative 33; Mismatches 35; Indels 1; Gaps 1;

QY 1 SDTEIKVNPDPDFEIVDVGILGYLYLQWQPLSLDHFECTVEYELKRYNIGSETWTKTII 60
DB 4 SNAEIKVNPDPDFEIVDVGILGYLYLQWQPLFPDFECTVEYELKRYNIDSEWTKTII 63
QY 61 TKNLHYKDGFDLNGKIEAKIHTLLPWQCTNGSEVSSWAETTYWISPGIPEYKQVDMDC 120
DB 64 TKNLHYKDGFDLNGKIEAKIHTLLPWQCTNGSEVSSWAETTYWISPGIPEYKQVDMDC 123
QY 121 VYVMQYLLCSWKPFGIGVLDLTNNVLFYWEGLDHALQCVDIYKADGONIGCRFPYLEAS 180
DB 124 VYVMQYLLCSWKPFGIHPGHPDITNVQLFYWEGLDHSACTDIYKNGWGMGRFPYLESS 183
QY 181 DYKDFYICVNGSSEKPIRSSYFTFQLONIYKPLPPVYLTFRESSCEIKLWMSIPLGPI 240
DB 184 DYKDFYICVNGSSEKPIRSSYFTFQLONIYKPLPPVYLTFRESSCEIKLWMSIPLGPI 243
QY 241 PARCFDYEIEIREDDTTLVTATVENEETTLKTTNETRQLCFVRSKNIYCSDDGIMSEW 300
DB 244 PARCFDYEIEIREDDTTLVTATVENEETTLKTTNETRQLCFVRSKNIYCSDDGIMSEW 303
QY 301 SDKOCMEGEDLSKRTL 316
DB 304 SDKOCMEGEDLSKRTL 318

RESULT 8

US-09-828-995B-61

Db 185 DYKDFYICVNGSSSEQPIRSPYFIQLONIYKMPMPDYLSTLVKNSSEINIKMMPKGP1 244
Qy 241 PARCFDYEIEIRDDTLVATVENEYTLTKTNETROLCPVNSKNVICSDDG15EW 300
Db 245 PAKCFIYEIEFTEDGTWTTVTVEENIQITRTSNESQKLCPLVNSKNVICSDDG15EW 304
Qy 301 SDKOCWEGEDLSKKT 315
Db 305 SDEQCKMG-DIWKET 318

RESULT 11
US-09-828-995B-81
Sequence 81, Application US/09828995B
Patent No. 6703360
GENERAL INFORMATION:
APPLICANT: Heska Corporation
APPLICANT: McCall, Catherine A.
APPLICANT: Tang, Liang A.
TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATED TO CANINE IGG AND CANINE IL-13 R
FILE REFERENCE: AL-7
CURRENT APPLICATION NUMBER: US/09/828,995B
CURRENT FILING DATE: 2001-04-09
PRIOR APPLICATION NUMBER: 60/195,874
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: 60/195,659
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 104
SOFTWARE: PatentIn version 3.1
SEQ ID NO 81
LENGTH: 561
TYPE: PRT
ORGANISM: Canis familiaris
US-09-828-995B-81

Query Match 79.2%; Score 1392.5; DB 2; Length 561;
Best Local Similarity 78.1%; Pred. No. 2.9e-135;
Matches 246; Conservative 33; Mismatches 35; Indels 1; Gaps 1;

Qy 1 SDEIKVNPDPDFEIVDPGYLYLQWOPPLSLDHFECTVEYELKRYNIGSETWKTII 60
Db 5 SNAEIKVNPDPDFEIVDPGYLYLQWOPPLPFPDNFECTIEYELKRYNIDSEWKTII 64
Qy 61 TKNLHYKDGFDLNGIEAKIHTLLPWOCTNGSEVSSWAETTYWISPGIETPKYQDMDC 120
Db 65 TKNLHYKDGFDLNGIEAKIHTLLPWOCTNGSEVSSWAETTYWISPGIETPKYQDMDC 124
Qy 121 VYNNQVYLCSWKPGIGVLLDTNNYLFYWEGLDHALQCVDIYKADGONIGCRFFYLEAS 180
Db 125 VYNNQVYLCSWKPGMGVHFDINQOLFYYEGLDHSACTDIYKNGKMGCRFFYLESS 184
Qy 181 DYKDFYICVNGSSSENKPIRSSYFTFQLONIYKPLPPVYLTFTRESSCEIKLWMS1PLGPI 240
Db 185 DYKDFYICVNGSSSEQPIRSPYFIQLONIYKMPMPDYLSTLVKNSSEINIKMMPKGP1 244
Qy 241 PARCFDYEIEIRDDTLVATVENEYTLTKTNETROLCPVNSKNVICSDDG15EW 300
Db 245 PAKCFIYEIEFTEDGTWTTVTVEENIQITRTSNESQKLCPLVNSKNVICSDDG15EW 304
Qy 301 SDKOCWEGEDLSKKT 315
Db 305 SDEQCKMG-DIWKET 318

RESULT 12
US-09-828-995B-78
Sequence 78, Application US/09828995B
Patent No. 6703360
GENERAL INFORMATION:
APPLICANT: Heska Corporation
APPLICANT: McCall, Catherine A.
APPLICANT: Tang, Liang A.
TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATED TO CANINE IGG AND CANINE IL-13 R

FILE REFERENCE: AL-7
CURRENT APPLICATION NUMBER: US/09/828,995B
CURRENT FILING DATE: 2001-04-09
PRIOR APPLICATION NUMBER: 60/195,874
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: 60/195,659
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 104
SOFTWARE: PatentIn version 3.1
SEQ ID NO 78
LENGTH: 563
TYPE: PRT
ORGANISM: Canis familiaris
US-09-828-995B-78

Query Match 79.2%; Score 1392.5; DB 2; Length 563;
Best Local Similarity 78.1%; Pred. No. 2.9e-135;
Matches 246; Conservative 33; Mismatches 35; Indels 1; Gaps 1;

Qy 1 SDEIKVNPDPDFEIVDPGYLYLQWOPPLSLDHFECTVEYELKRYNIGSETWKTII 60
Db 5 SNAEIKVNPDPDFEIVDPGYLYLQWOPPLPFPDNFECTIEYELKRYNIDSEWKTII 64
Qy 61 TKNLHYKDGFDLNGIEAKIHTLLPWOCTNGSEVSSWAETTYWISPGIETPKYQDMDC 120
Db 65 TKNLHYKDGFDLNGIEAKIHTLLPWOCTNGSEVSSWAETTYWISPGIETPKYQDMDC 124
Qy 121 VYNNQVYLCSWKPGIGVLLDTNNYLFYWEGLDHALQCVDIYKADGONIGCRFFYLEAS 180
Db 125 VYNNQVYLCSWKPGMGVHFDINQOLFYYEGLDHSACTDIYKNGKMGCRFFYLESS 184
Qy 181 DYKDFYICVNGSSSENKPIRSSYFTFQLONIYKPLPPVYLTFTRESSCEIKLWMS1PLGPI 240
Db 185 DYKDFYICVNGSSSEQPIRSPYFIQLONIYKMPMPDYLSTLVKNSSEINIKMMPKGP1 244
Qy 241 PARCFDYEIEIRDDTLVATVENEYTLTKTNETROLCPVNSKNVICSDDG15EW 300
Db 245 PAKCFIYEIEFTEDGTWTTVTVEENIQITRTSNESQKLCPLVNSKNVICSDDG15EW 304
Qy 301 SDKOCWEGEDLSKKT 315
Db 305 SDEQCKMG-DIWKET 318

RESULT 13
US-09-828-995B-75
Sequence 75, Application US/09828995B
Patent No. 6703360
GENERAL INFORMATION:
APPLICANT: Heska Corporation
APPLICANT: McCall, Catherine A.
APPLICANT: Tang, Liang A.
TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATED TO CANINE IGG AND CANINE IL-13 R
FILE REFERENCE: AL-7
CURRENT APPLICATION NUMBER: US/09/828,995B
CURRENT FILING DATE: 2001-04-09
PRIOR APPLICATION NUMBER: 60/195,874
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: 60/195,659
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 104
SOFTWARE: PatentIn version 3.1
SEQ ID NO 75
LENGTH: 565
TYPE: PRT
ORGANISM: Canis familiaris
US-09-828-995B-75

Query Match 79.2%; Score 1392.5; DB 2; Length 565;
Best Local Similarity 78.1%; Pred. No. 2.9e-135;
Matches 246; Conservative 33; Mismatches 35; Indels 1; Gaps 1;

Qy 1 SDEIKVNPDPDFEIVDPGYLYLQWOPPLSLDHFECTVEYELKRYNIGSETWKTII 60

Db 5 SNAETKVNPPDPEIYDPLGYLISLQWQPLPFDNFKECTIEYELKYNINISEMKTII 64
Qy 61 TTNLHYKQFPLDKNGIEAKIHTLLPWQCTNGSEVQSSMAETTYWISPGIPEYVQDDMC 120
Db 65 TTNLHYKQFPLDKNGIEAKIHTLLPWQCTNGSEVQSSMAETTYWISPGIPEYVQDDMC 124
Qy 121 VYVYNOYLLCSWKPGIGVLLDTNNYLPFYWEGLDHALQCVYIKADGONICRPPYBAS 180
Db 125 VYVYNOYLLCSWKPGIGVLLDTNNYLPFYWEGLDHALQCVYIKADGONICRPPYBAS 184
Qy 181 DYKDFPCVNGSSENNPISRYFTFQLONIIVKPLPPVYLTFRESCEIKLWMSIPLGPI 240
Db 185 DYKDFPCVNGSSENNPISRYFTFQLONIIVKPLPPVYLTFRESCEIKLWMSIPLGPI 244
Qy 241 PARCFYEIEIRDDDTLLVATVENEYTLTKTNETROLCFVVRSKVNIYCSDDGIWSEW 300
Db 245 PARCFYEIEIRDDDTLLVATVENEYTLTKTNETROLCFVVRSKVNIYCSDDGIWSEW 304
Qy 301 SDRQCEGSDLSKKT 315
Db 305 SDRQCEGSDLSKKT 318

RESULT 14
US-08-609-572-2
Sequence 2, Application US/08609572
Patent No. 5710023
GENERAL INFORMATION:
APPLICANT: Collins, Mary
APPLICANT: Donaldson, Debra
APPLICANT: Filtz, Lori
APPLICANT: Neben, Tamlyn
APPLICANT: Whilters, Matthew
APPLICANT: Wood, Clive
TITLE OF INVENTION: CYTOKINE RECEPTOR CHAIN
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: 87 CambridgePark Drive
City: Cambridge
STATE: MA
COUNTRY: USA
ZIP: 02140
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/609,572
FILING DATE:
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Brown, Scott A.
REGISTRATION NUMBER: 32,724
REFERENCE/DOCKET NUMBER: G15268
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8224
TELEFAX: (617) 876-5851
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 383 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-609-572-2

Query Match 66.4%; Score 1168; DB 1; Length 383;
Best Local Similarity 66.6%; Pred. No. 2.8e-112;
Matches 203; Conservative 44; Mismatches 58; Indels 0; Gaps 0;
Qy 4 EIKVNPDPDEIYDPLGYLISLQWQPLPFDNFKECTIEYELKYNINISEMKTIIITKN 63

Db 23 EIKVNPDPDEIYDPLGYLISLQWQPLPFDNFKECTIEYELKYNINISEMKTIIITRN 82
Qy 64 LHYKQFPLDKNGIEAKIHTLLPWQCTNGSEVQSSMAETTYWISPGIPEYVQDDMCVY 123
Db 83 LHYKQFPLDKNGIEAKIHTLLPWQCTNGSEVQSSMAETTYWISPGIPEYVQDDMCVY 142
Qy 124 NMQYLVCSWKPGIGVLLDTNNYLPFYWEGLDHALQCVYIKADGONICRPPYBASDYK 183
Db 143 NMQYLVCSWKPGIGVLLDTNNYLPFYWEGLDHALQCVYIKADGONICRPPYBASDYK 202
Qy 184 DFYICVNGSSENNPISRYFTFQLONIIVKPLPPVYLTFRESCEIKLWMSIPLGPIPAR 243
Db 203 DFYICVNGSSENNPISRYFTFQLONIIVKPLPPVYLTFRESCEIKLWMSIPLGPIPAR 262
Qy 244 CDFYIEIRDDDTLLVATVENEYTLTKTNETROLCFVVRSKVNIYCSDDGIWSEWSDK 303
Db 263 CDFYIEIRDDDTLLVATVENEYTLTKTNETROLCFVVRSKVNIYCSDDGIWSEWSDK 322
Qy 304 QCEWG 308
Db 323 BCWEG 327

RESULT 15
US-08-841-751-2
Sequence 2, Application US/08841751
Patent No. 6214559
GENERAL INFORMATION:
APPLICANT: Collins, Mary
APPLICANT: Donaldson, Debra
APPLICANT: Filtz, Lori
APPLICANT: Neben, Tamlyn
APPLICANT: Whilters, Matthew
APPLICANT: Wood, Clive
TITLE OF INVENTION: CYTOKINE RECEPTOR CHAIN
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: 87 CambridgePark Drive
City: Cambridge
STATE: MA
COUNTRY: USA
ZIP: 02140
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/841,751
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/609,572
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Brown, Scott A.
REGISTRATION NUMBER: 32,724
REFERENCE/DOCKET NUMBER: G15268
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8224
TELEFAX: (617) 876-5851
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 383 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-841-751-2

Query Match 66.4%; Score 1168; DB 2; Length 383;
Best Local Similarity 66.6%; Pred. No. 2.8e-112;

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Matches 203; Conservative 44; Mismatches 58; Indels 0; Gaps 0;
QY      4 EIKVNPPODEFIVDPGVLYGYLYLQWQPLSLDHFKECTVEYELKYRNIGSETWKTITRN 63
      23 EIKVNPPODEFILDPGLGYLYLQWQPPVIEKFKGCTLEYLELKYRNVDSDSKTIIITRN 82
QY      64 LHYKDGFDLNGIEAKIHITLLPMOCTNGSEVQSSWAETTYWISPGIPETRVQMDCVYY 123
      83 LIYKDGFDLNGIEGKIRTHLSEHCTNGSEVQSPWIEASYGISDEGSLETKIQDMKCIYY 142
Db      124 NMQYLLCSWKPGIGVLLDTNNTLFWYREGLDHALQCVYIKADGNIGCRFFYLEASDYK 183
      143 NMQYLVCSWKPGKTVYSDINYTMFWMYEGLDHALQCADYLOHDEKNVGCXLSNLDSSDYK 202
QY      184 DFYICVNGSSENKPIRSSYFTFQLONIYKPLPPVYLTFTRESSCEIKLWMSIPLGPIPAR 243
      203 DFYICVNGSSKLEPIRSSYTFQLONIYKPLPPEFLHSVENSIDIRKMSIPGPIPPR 262
QY      244 CFDEYEIEIREDDTTLVTAIVENETVTLKTTMETRQLCFVRSKVNICYSDDGIMSEWSDK 303
      263 CYTVEIIVIREDDISWESATDKNDMDKLKRANESBDLCFFVRCKVNIYCADDGIMSEWSEE 322
QY      304 QCWEG 308
      :||||
Db      323 ECWEG 327
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Search completed: January 27, 2006, 14:48:25
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